

RAW SEQUENCE LISTING

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Application Serial Number: 10/608,865A
Source: TRW/6
Date Processed by STIC: 7/12/06

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IFW16

RAW SEQUENCE LISTING

DATE: 07/12/2006

PATENT APPLICATION: US/10/608,865A

TIME: 09:54:30

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\07122006\J608865A.raw

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3 <110> APPLICANT: LEWIN, DAVID
4   STEWART, TIMOTHY P.
6 <120> TITLE OF INVENTION: GENES ASSOCIATED WITH OBESITY AND METHODS FOR USING THE SAME
8 <130> FILE REFERENCE: 11669.0196USC1
10 <140> CURRENT APPLICATION NUMBER: 10/608,865A
11 <141> CURRENT FILING DATE: 2003-06-27
13 <150> PRIOR APPLICATION NUMBER: 09/691,439
14 <151> PRIOR FILING DATE: 2000-10-18
16 <150> PRIOR APPLICATION NUMBER: 60/160,246
17 <151> PRIOR FILING DATE: 1999-10-19
19 <160> NUMBER OF SEQ ID NOS: 29
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 1238
25 <212> TYPE: DNA
26 <213> ORGANISM: Mus sp.
28 <400> SEQUENCE: 1
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31 aatggagacc cagacccaaa gcataaaaaag gcacacagtc atggtctttc tcctacgtga      120
33 ccttagcttt gcatgatttg aaaacaaaaa agttttttta aaaaagattt atttatttat      180
35 tatatgtgat ataaactact ttaaatagat ttgtatatta aagaaaacca aaacaaactc      240
37 aaccaatcca tggcagccaa aattttatat aactagggac tctccaatgg gaagaggcca      300
39 aataaacagc tgtggagctg taaccaatca cgttggcttg gcgtttatgc ctccctaata      360
41 agttagtacc cacctgaagt gcctgggcca cacaggggtt ggagctgccc agcaacaact      420
43 ggtgtttgct cagatacact gtaacccttt aaggtagcct agctgacact ttaacgttaa      480
45 gcagttacct aatgtagtac aggtatcata atctaagtct tgaagctcat gaggtttata      540
47 acgctgttat tctcacgaaa gtcacgtgac atagctttct ataacatgct atagtagtcc      600
49 ccgtacctcc aagtgttgct tttttagaga gaatgatttc cagggtcatt gaggtcactg      660
51 aggtaaggag gcccagggtg aatgaccac agtgtccttg taaaaagaga cacacacaga      720
53 ggggcgatga aatgcagaca ctgaatgaag atgaccaacc atcttccatc tcaggaagga      780
55 ccaaacactt cgggaagctg tgagaagcct atttttagagc tctagagaag atctacacac      840
57 acacacacac acacacacac acacacacac acacacacac acgacatctg gctgccagca      900
59 gtgtgagaca gacagacatt tctgttgttt tgagccactt agttgtagta ttttgtaga      960
61 gcatccctag gaagctagag cgctcctctt actctacacc gggtagatct caggagtcct      1020
63 ccatggatgg atggtggaag ctgcagacta tcagccctgt tgtgtcctgt ttttctgtat      1080
65 tcatttatgc ttatgataaa gtgtaaacttg taaattaggc aaaggaagaa ataaacaact      1140
67 actaatagta aataactcac attagaatga ttataatata ctgtgtaaact ttgtaagcaa      1200
69 tatactgcaa taaatgtttt gcgactgggc cctccctt      1238
72 <210> SEQ ID NO: 2
73 <211> LENGTH: 21
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:

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78 <223> OTHER INFORMATION: Primer
80 <400> SEQUENCE: 2
81 atgtatcaca gcctgtacct g                               21
84 <210> SEQ ID NO: 3
85 <211> LENGTH: 21
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Primer
92 <400> SEQUENCE: 3
93 ttcttggtct cttctcctt g                               21
96 <210> SEQ ID NO: 4
97 <211> LENGTH: 26
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Probe
104 <400> SEQUENCE: 4
105 aggtctaaga ccaaggaagc acgcaa                         26
108 <210> SEQ ID NO: 5
109 <211> LENGTH: 16
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Primer
116 <400> SEQUENCE: 5
117 agcaacccgc ccaagg                                     16
120 <210> SEQ ID NO: 6
121 <211> LENGTH: 18
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Primer
128 <400> SEQUENCE: 6
129 gcgtctggct cttctcgg                                   18
132 <210> SEQ ID NO: 7
133 <211> LENGTH: 25
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Probe
140 <400> SEQUENCE: 7
141 caagcgttac ggtggcttca tgacc                         25
144 <210> SEQ ID NO: 8
145 <211> LENGTH: 21
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Primer

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152 <400> SEQUENCE: 8
153 cagaccagcg aataacaagc g                                21
156 <210> SEQ ID NO: 9
157 <211> LENGTH: 19
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Primer
164 <400> SEQUENCE: 9
165 gaagccgagg tgcctgtgt                                19
168 <210> SEQ ID NO: 10
169 <211> LENGTH: 28
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Probe
176 <400> SEQUENCE: 10
177 tgacctgcac aatgactgca cagagacc                        28
180 <210> SEQ ID NO: 11
181 <211> LENGTH: 21
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Primer
188 <400> SEQUENCE: 11
189 cctgctgttc tgccaaaatg t                                21
192 <210> SEQ ID NO: 12
193 <211> LENGTH: 21
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Primer
200 <400> SEQUENCE: 12
201 tcggagagaa gtctggcagt c                                21
204 <210> SEQ ID NO: 13
205 <211> LENGTH: 24
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Probe
212 <400> SEQUENCE: 13
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216 <210> SEQ ID NO: 14
217 <211> LENGTH: 20
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Primer
224 <400> SEQUENCE: 14

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225 ttgttttgtg gaccaccgaa 20
228 <210> SEQ ID NO: 15
229 <211> LENGTH: 20
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Primer
236 <400> SEQUENCE: 15
237 tcaaagccga ggcattgttt 20
240 <210> SEQ ID NO: 16
241 <211> LENGTH: 29
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Probe
248 <400> SEQUENCE: 16
249 caaccgatga ctcctttctc tcacctgct 29
252 <210> SEQ ID NO: 17
253 <211> LENGTH: 27
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial Sequence
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Primer
260 <400> SEQUENCE: 17
261 aactctggtt cccttgaaga aaatatt 27
264 <210> SEQ ID NO: 18
265 <211> LENGTH: 25
266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Primer
272 <400> SEQUENCE: 18
273 gtgagtatgc ctaccaaagt ttgtg 25
276 <210> SEQ ID NO: 19
277 <211> LENGTH: 26
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Probe
284 <400> SEQUENCE: 19
285 aggtgtggtg acgcctgcct ctttaa 26
288 <210> SEQ ID NO: 20
289 <211> LENGTH: 1237
290 <212> TYPE: DNA
291 <213> ORGANISM: Mus sp.
293 <400> SEQUENCE: 20
294 aagggagggc ccagtcgcaa aacatttatt gcagtatatt gcttacaaaag ttacacagta 60
296 tattataatc attctaagt gagttattta ctattagtag ttgtttatct cttcctttgc 120
298 ctaatttaca agttacactt tatcataagc ataaatgaat acagaaaaac aggacacaca 180

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300 ggggctgata gtctgcagct tccaccatcc atccatgggg gactcctgag atgtacccgg 240
302 tgtagagtaa gaggagcgct ctagcttcct agggatgctc taacaaaata ctacaactaa 300
304 gtggctcaaa acaacagaaa tgtctgtctg tctcactctg ctggcagcca gatgtcgtgt 360
306 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtagatct tctctagagc 420
308 tctaaaatag gcttctcaca gcttcccga gttgttggtc ctctcctgaga tggagatgg 480
310 ttggtcattc tcattcagtg tctgcatttc atcgccccctc tgtgtgtgtc tctttttaca 540
312 aggacactgt gggtcattca cctggggcct ccttacctca gtgacctcaa tgacctgga 600
314 aatcattctc tctaaaaaga caacacttgg aggtacgggg actactatag catgttatag 660
316 aaagctatgt cacgtgactt tcgtgagaat aacagcgta taaacctcat gagcttcaag 720
318 acttagatta tgatacctgt actacattag gtaactgctt aacgttaaag tgtcagctga 780
320 ggcaccttaa agggttacag tgtatctgag caaacaccag ttgttgctgg gcagctccaa 840
322 ccctgtgtg gcccaggcac ttcaggtggg aactaactca ttagggaggc ataaacgcca 900
324 agccaacgtg attggttaca gctccacagc tgtttatttg gcctcttccc attggagagt 960
326 ccctagttat ataaaaat ttttggctgcatg gatttggttga gtttgttttg gttttcttta 1020
328 atatacaaat ctattttaaag tagtttatat cacatataat aaataaataa atctttttta 1080
330 aaaaaacttt tttgttttca aatcatgcaa agctaagggtc acgtaggaga aagaccatga 1140
332 ctgtgtgcct ttttatgctt tgggtctggt ctccatttta atactttaac actatggtca 1200
334 gttactgata cagaaaatca aatccaagcc aagataa 1237

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337 <210> SEQ ID NO: 21

338 <211> LENGTH: 1237

339 <212> TYPE: DNA

340 <213> ORGANISM: Mus sp.

342 <400> SEQUENCE: 21

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343 ttatcttggc ttggatttga ttttctgtat cagtaactga ccatagtgtt aaagtattaa 60
345 aatggagacc agaccctaaag cataaaaagg cacacagtca tggctcttct cctacgtgac 120
347 cttagctttg catgatttga aaacaaaaaa gtttttttaa aaaagattta tttatttatt 180
349 atatgtgata taaactactt taaatagatt tgtatattaa agaaaaccaa acaaaactca 240
351 accaatccat ggcagccaaa attttatata actagggact ctccaatggg aagaggccaa 300
353 ataaacagct gtggagctgt aaccaatcac gttggcttgg cgtttatgcc tccctaatga 360
355 gttagtcccc acctgaagtg cctggggccac acagggggtg gagctgcccc gcaacaactg 420
357 gtgtttgctc agatacactg taacctttta aggtgcctca gctgacactt taacgttaag 480
359 cagttaccta atgtagtaca ggtatcataa tctaagtctt gaagctcatg aggtttataa 540
361 cgctgttatt ctcacgaaaag tcacgtgaca tagctttcta taacatgcta tagtagtccc 600
363 cgtacctcca agtgttgtct ttttagagag aatgatttcc agggtcattg aggtcactga 660
365 ggtaaggagg cccaggtga atgaccaca gtgtccttgt aaaaagagac acacacagag 720
367 gggcgatgaa atgcagacac tgaatgaaga tgaccaacca tcttccatct caggaaggac 780
369 caaacacttc ggggaagctgt gagaagccta ttttagagct ctagagaaga tctacacaca 840
371 cacacacaca cacacacaca cacacacaca cacacacaca cgacatctgg ctgccagcag 900
373 tgtgagacag acagacattt ctgttgtttt gagccactta gttgtagtat tttgttagag 960
375 catccctagg aagctagagc gctcctctta ctctacaccg ggtacatctc aggagtcccc 1020
377 catggatgga tgggtggaagc tgcagactat cagcccctgt gtgtcctgtt tttctgtatt 1080
379 catttatgct tatgataaag tgtaacttgt aaattaggca aaggaagaaa taacaacta 1140
381 ctaatagtaa ataactcaca ttagaatgat tataatatat tgtgtaactt tgtaagcaat 1200
383 atactgcaat aatgttttg cgactgggcc ctccctt 1237

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386 <210> SEQ ID NO: 22

387 <211> LENGTH: 393

388 <212> TYPE: PRT

389 <213> ORGANISM: Mus sp.

391 <400> SEQUENCE: 22

VERIFICATION SUMMARY

DATE: 07/12/2006

PATENT APPLICATION: US/10/608,865A

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